X431BT Installation Guide

43” LCD Display

Rev 1.1

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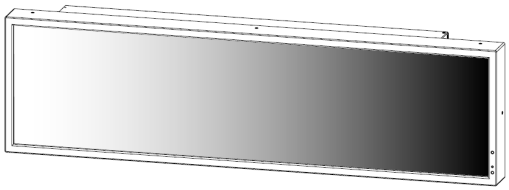


Product Description

Type:	LCD Display
Resolution:	1920 x 480
Aspect Ratio:	36:9
FCC:	Class A
BTU’s:	358.28 BTU/hour

Screen Surface: Anti-Reflective
Dimensions without stand: 43.2”(W) x 11.8”(H) x 7.5”(D)
Weight without stand: 43.2 lbs
Power Consumption: 105 W (typ)

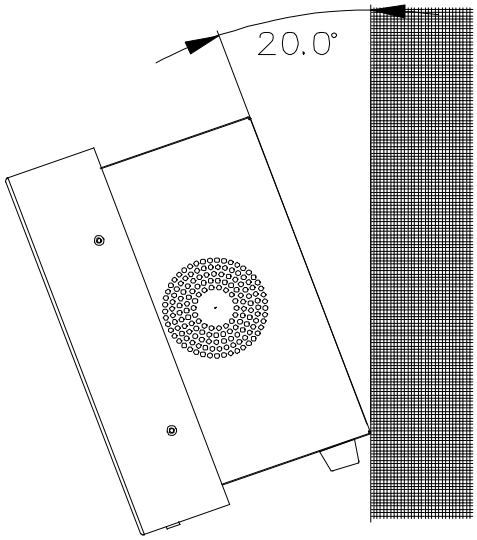
NOTES:

- This document is intended to be used as a reference guide to supply useful information for a design or installation. It is not intended to be a step-by step procedure for installation.
- Any ceilings or walls must be strong enough to support the monitor and the installation must be in accordance with any local building codes. All mounts should make secure contact to wood studs.
- Distances are in inches, for millimeters multiply by 25.4.
- Distances may vary ±5%.

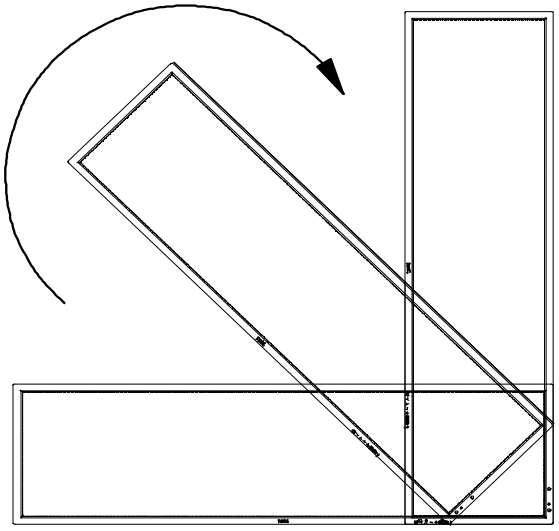
Tilt Angle and Rotation

- Below are the maximum angles that the monitor can be tilted either landscape or portrait orientation.
- Only rotate the monitor in the clockwise direction to obtain portrait orientation.

Max Tilt Angle



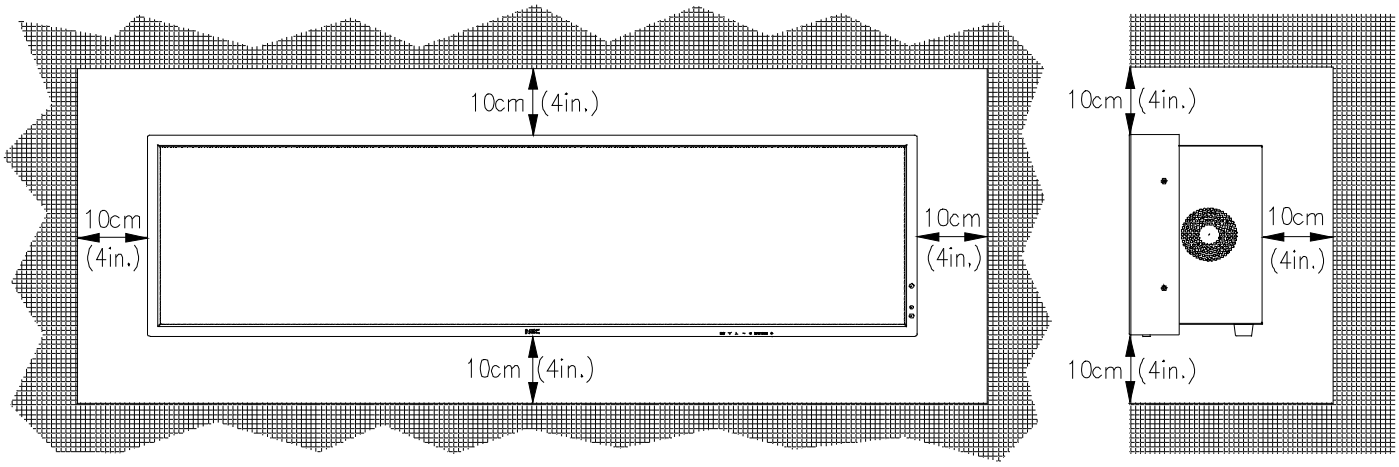
Clockwise Rotation Only



Ventilation Requirements

Dimensions below are minimum required for proper ventilation.

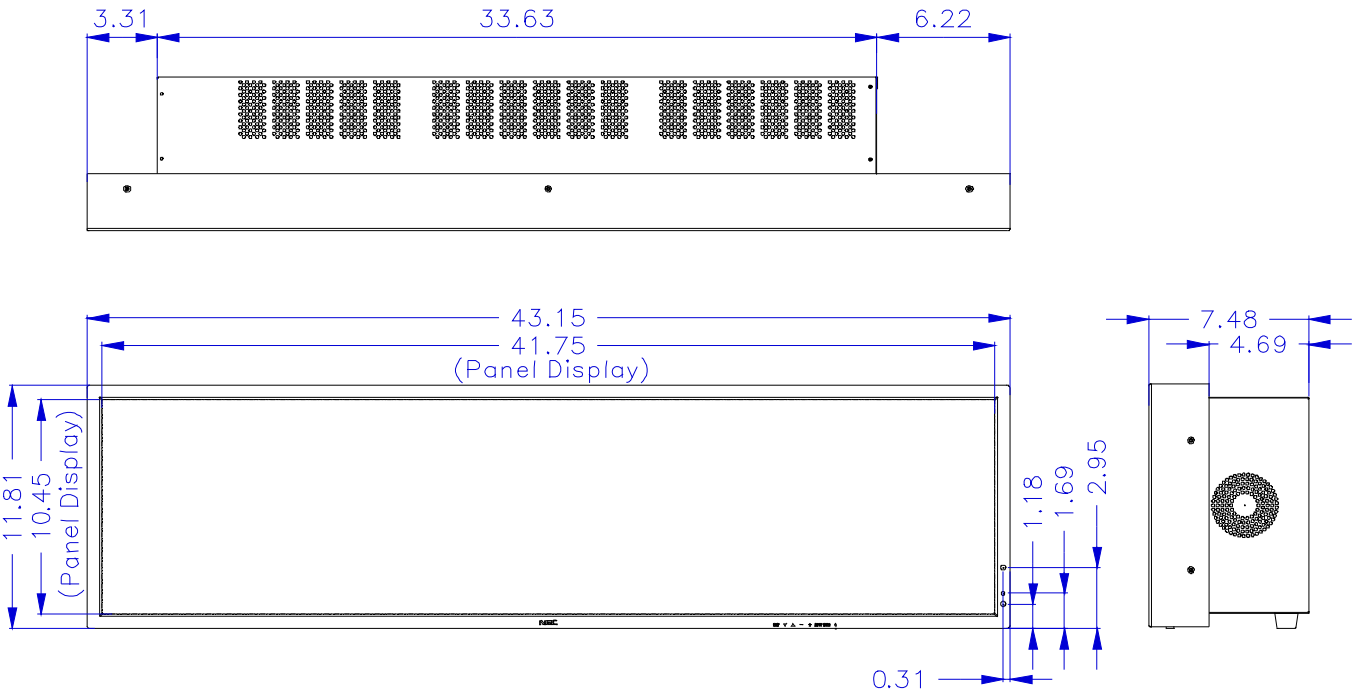
Operating Temperature:
Landscape: 5 – 40° C, 41 – 104° F
Portrait: 5 – 40° C, 41 – 104° F



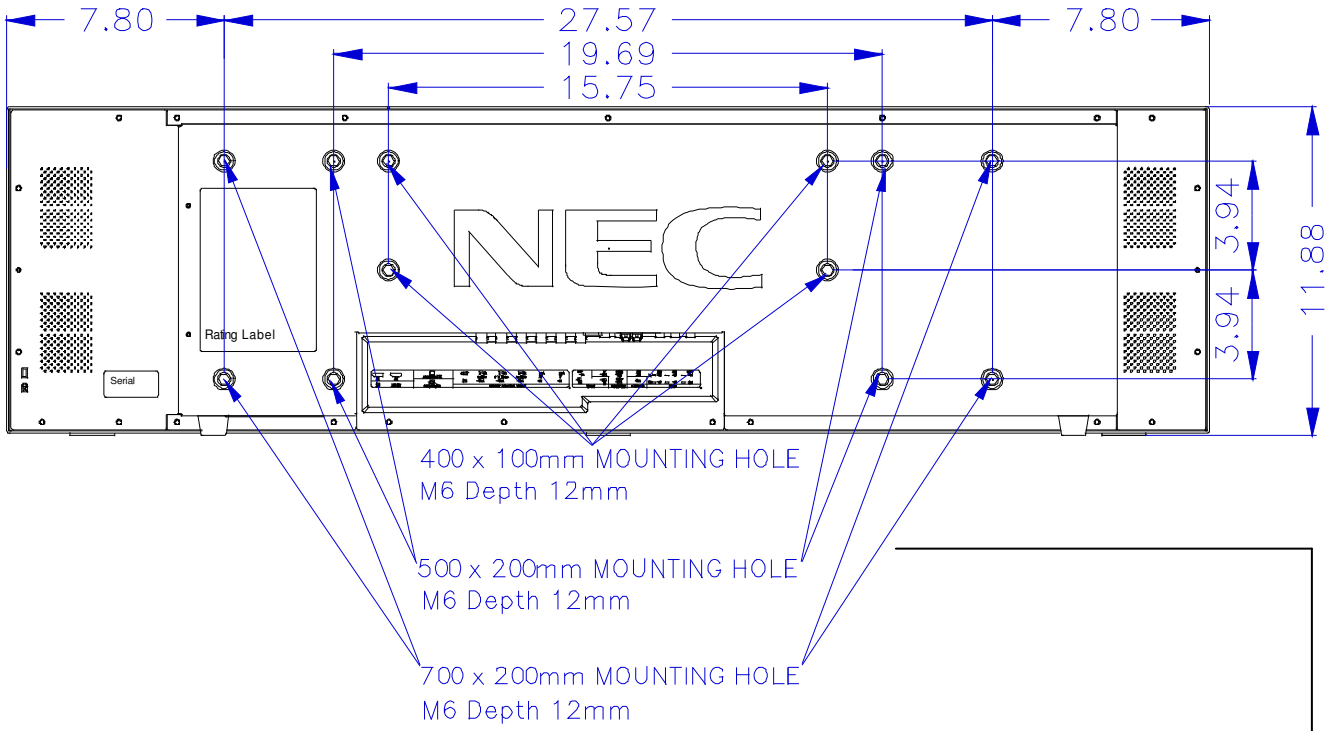
NOTE:

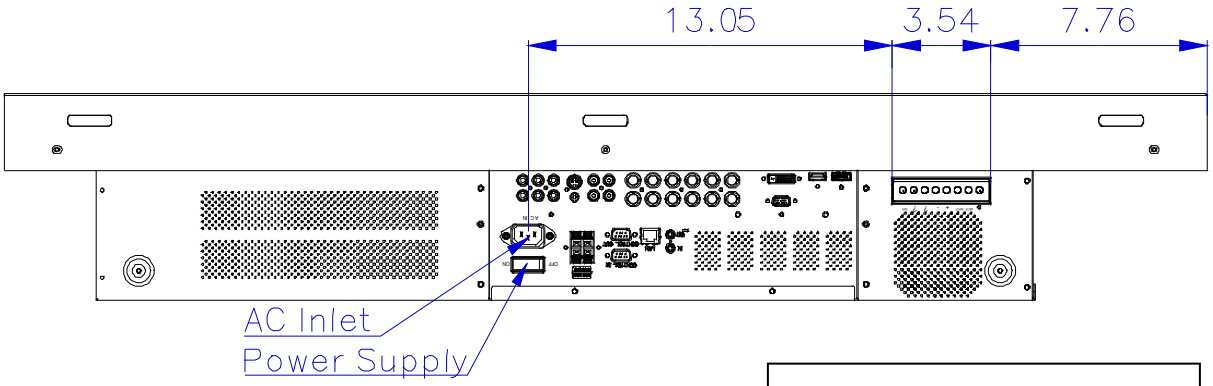
- The ventilation space should not be covered or closed off at the front of the opening. If for some reason the opening needs to be covered, other means of ventilation will need to be incorporated into the design. Contact NEC for design review and recommendations.

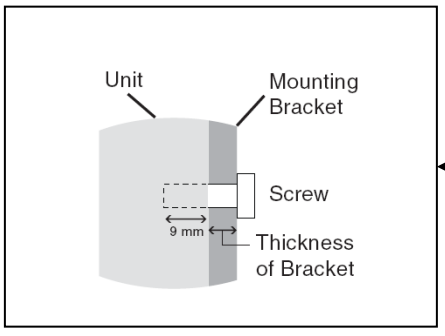
Display dimensions



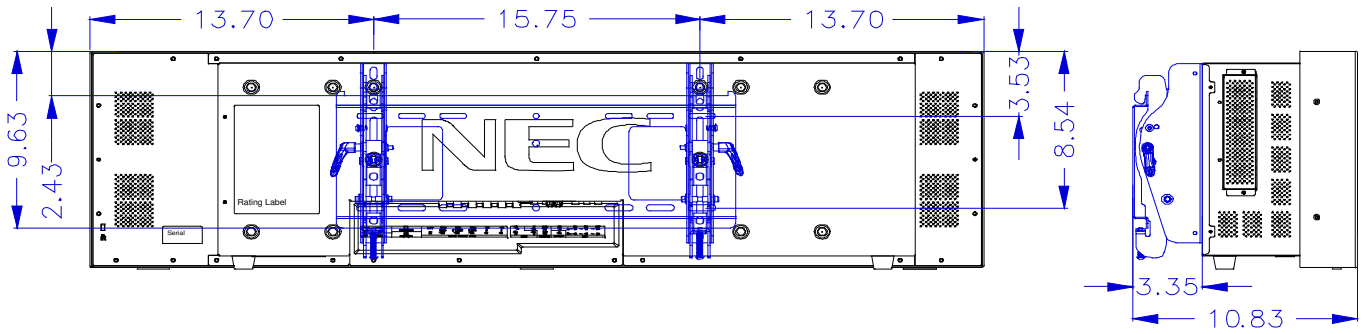
Display dimensions (cont.)





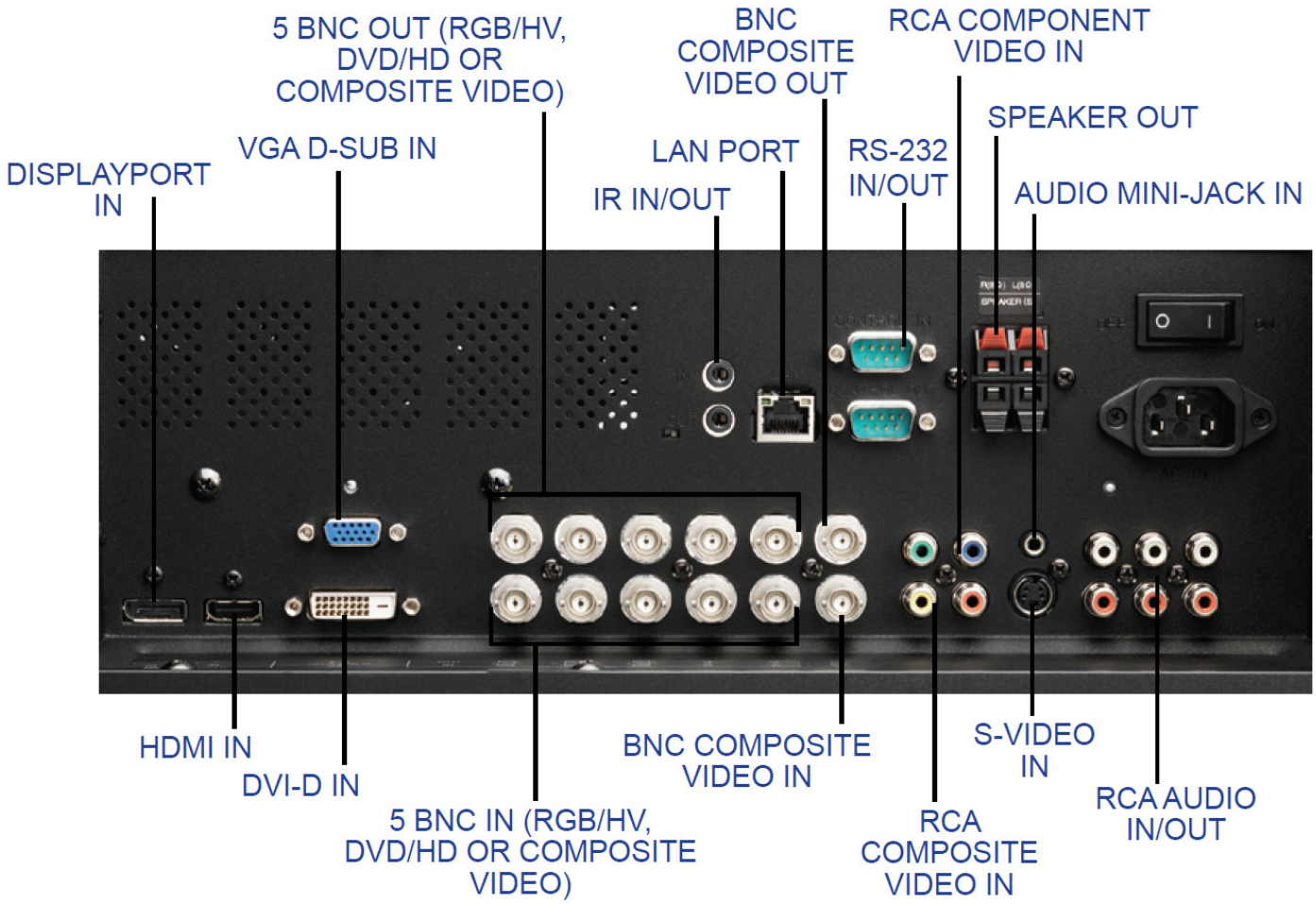


Dimensions with Wall Mount Kit (WMK-3257)



Input Panel

Bottom:



Control Codes

Function		Code Data
POWER	ON	01 30 41 30 41 30 43 02 43 32 30 33 44 36 30 30 30 31 03 73 0D
	OFF	01 30 41 30 41 30 43 02 43 32 30 33 44 36 30 30 30 34 03 76 0D
INPUT SWITCH	VGA (15pin HD)	01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 31 03 73 0D
	RGBHV	01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 32 03 70 0D
	DVI	01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 33 03 71 0D
	HDMI	01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 34 03 76 0D
	VIDEO (Composite)	01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 35 03 77 0D
	DVD/HD	01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 43 03 01 0D
	S-Video	01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 37 03 75 0D
	TV (Analog)	01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 39 03 7B 0D
	TV (Digital)	01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 41 03 03 0D
	Option	01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 44 03 06 0D
	DisplayPort	01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 46 03 04 0D
AUDIO MUTE	ON	01 30 41 30 45 30 41 02 30 30 38 44 30 30 30 31 03 09 0D
	OFF	01 30 41 30 45 30 41 02 30 30 38 44 30 30 30 32 03 0A 0D
PICTURE MODE	sRGB	01 30 41 30 45 30 41 02 30 32 31 41 30 30 30 31 03 07 0D
	HIBRIGHT	01 30 41 30 45 30 41 02 30 32 31 41 30 30 30 33 03 05 0D
	STANDARD	01 30 41 30 45 30 41 02 30 32 31 41 30 30 30 34 03 02 0D
	CINEMA	01 30 41 30 45 30 41 02 30 32 31 41 30 30 30 35 03 03 0D
SCREEN MODE:	NORMAL	01 30 41 30 45 30 41 02 30 32 37 30 30 30 30 31 03 70 0D
	FULL	01 30 41 30 45 30 41 02 30 32 37 30 30 30 30 32 03 73 0D
	WIDE	01 30 41 30 45 30 41 02 30 32 37 30 30 30 30 33 03 72 0D
	ZOOM	01 30 41 30 45 30 41 02 30 32 37 30 30 30 30 34 03 75 0D
AUTO SETUP	EXECUTE	01 30 41 30 45 30 41 02 30 30 31 45 30 30 30 31 03 01 0D
FILM MODE	OFF	01 30 41 30 45 30 41 02 30 30 30 32 30 30 30 31 03 77 0D
	AUTO	01 30 41 30 45 30 41 02 30 30 30 32 30 30 30 32 03 74 0D

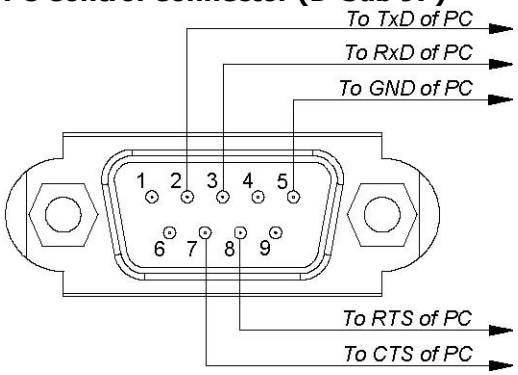
NOTE: Contact your NEC rep for codes not listed.
NOTE: Use a cross/reverse/null modem cable.

Cable Connection

Communication Protocol:

Interface:	RS-232C	Parity:	None
Communication:	Asynchronous	Stop Bit:	1 bit
Baud Rate:	9600 bps	Communication Code:	Hex
Data Length:	8 bits		

PC Control Connector (D-Sub 9P)



NOTE:

- If so desired, jumper "Request to send" and "Clear to Send" together on both ends of the cable to simplify cable connection. These connections are not required. The only connections required are pins 2 (TxD), 3 (RxD) and 5 (GND)